## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S27	1	10/829279.app.	US-PGPUB; USPAT	OR	ON	2007/09/29 19:43
S28	1163	(object\$7 near2 lens) same (compatib\$5)	US-PGPUB; USPAT	OR	ON	2007/09/29 19:43
S29	<u>8</u> 3687	(plural\$6 or multiple or two or three) near2 ((laser or light or beam) near2 (source or diode or emit\$6))	US-PGPUB; USPAT	OR	ON	2007/09/29 19:43
S30	375	S28 and S29	US-PGPUB; USPAT	OR	ON	2007/09/29 19:43
S31	59	(transmi\$6 near4 (light or laser or beam)) near5 ((intermediate or middle) adj (region or area or zone))	US-PGPUB; USPAT	OR	ON	2007/09/29 19:43
S32	7307	(inner adj (area or region or zone)) same (outer adj (area or zone or region))	US-PGPUB; USPAT	OR	ON	2007/09/29 19:43
S33	65441	(object\$7 near2 lens)	US-PGPUB; USPAT	OR	ON	2007/09/29 19:43
S34	110	S33 same S32	US-PGPUB; USPAT	OR ·	ON	2007/09/29 19:43
S35	1	"6118594".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/29 19:43
S36	94	S29 and S33 and S32	US-PGPUB; USPAT	OR	ON	2007/09/29 19:43
·S37	46539	(transmi\$6 near4 (light or laser or beam)) near5 (low\$6 or reduc\$6 or less or small\$3 or minimum or minimal or minimiz\$5)	US-PGPUB; USPAT	OR	ON .	2007/09/29 19:43
S38	4188	S33 and S37	US-PGPUB; USPAT	OR	ON	2007/09/29 19:43
S39	1	"20020172132".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/29 19:43
S40	. 1	"5665957".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/29 19:43
S41	1	"6009066".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/29 19:43
S42	1	US-20020168825-\$:DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/29 19:43

## **EAST Search History**

S43	. 148	S32 and S37	US-PGPUB; USPAT	OR	ON	2007/09/29 19:43
S44	46734	("369").CLAS.	US-PGPUB; USPAT	OR .	OFF	2007/09/29 19:43
S45	1000	S38 and S44	US-PGPUB; USPAT	OR	ON	2007/09/29 19:43
S46	47707	(compatib\$6 or reproduc\$6 or playback or read\$6 or record\$6 or writ\$6) near4 (plural\$6 or multiple or two or three) near2 (disc or medium or disk or media or carrier)	US-PGPUB; USPAT	OR	ON	2007/09/29 19:43
S47	495	S45 and S46	US-PGPUB; USPAT	OR	ON	2007/09/29 19:43
S48	3821	(transmi\$6 near4 (light or laser or beam)) near4 (area or zone or region) near5 (low\$6 or reduc\$6 or less or small\$3 or minimum or minimal or minimiz\$5)	US-PGPUB; USPAT	OR .	ON	2007/09/29 19:43
S49	100	S46 and S48	US-PGPUB; USPAT	OR	ON	2007/09/29 19:43
S50	83687	(plural\$6 or multiple or two or three) near2 ((laser or light or beam) near2 (source or diode or emit\$6))	US-PGPUB; USPAT	OR	ON	2007/09/29 19:43
S51	1363	(main adj beam) same ((sub or side) adj (beam))	US-PGPUB; USPAT	OR	ON	2007/09/29 19:43
S52	. 417	S50 and S51	US-PGPUB; USPAT	OR	ON	2007/09/29 19:50
S53	27380	(decreas\$6 or reduc\$6 or low\$5 or less) near5 (light or intensity or interfer\$6) near5 (sensor or detector or photodetector or ((light or photo) near2 (receiv\$5 or recept\$6)))	US-PGPUB; USPAT	OR .	ON	2007/09/29 19:54
S54	14	S34 and S53	US-PGPUB; USPAT	OR	ON	2007/09/29 19:57
S55	18823	(tilt\$6 or skew\$4 or inclin\$6 or warp\$6 or uneven\$6) near3 (disc or medium or disk or media)	US-PGPUB; USPAT	OR ,	ON	2007/09/29 19:58
S56	25	S53 same S55	US-PGPUB; USPAT	OR	ON	2007/10/01 09:33
S57	1	"7116627".pn.	US-PGPUB; USPAT	OR	ON	2007/10/01 09:50

## **EAST Search History**

S61	1	((object\$6 near2 lens) and	US-PGPUB;	OR	ON	2007/10/01 10:02
		(photodetector or detector or ((photo or light) adj (dector or receiv\$6 or recept\$6))) and ((main or side or sub) near2 (beam or light or spot)) and (inner near2 (region or area or zone)) and ((middle or mid or intermediate) near2 (region or zone or area)) and ((outter or periphery) near2 (region or zone or area)) and (tilt\$6 or inclin\$6 or skew\$5) and ((block\$6 or shield\$6 or reduc\$5 or decreas\$6 or minim\$6) near20 (interfer\$6 or light or beam or laser))).clm.	USPAT			
S62		((object\$6 near2 lens) and (photodetector or detector or ((photo or light) adj (dector or receiv\$6 or recept\$6))) and ((main or side or sub) near2 (beam or light or spot)) and (inner near2 (region or area or zone)) and ((middle or mid or intermediate) near2 (region or zone or area)) and ((outter or periphery) near2 (region or zone or area)) and (tilt\$6 or inclin\$6 or skew\$5) and ((plural\$6 or multi\$6 or many) near3 (step\$6 or annular or ring)) and (path near2 (differ\$7 or variation or var\$6))).clm.	US-PGPUB; USPAT	OR	ON <sub>.</sub>	2007/10/01 10:06

10/1/2007 10:22:23 AM C:\Documents and Settings\lchow1\My Documents\EAST\Workspaces\10829279.wsp